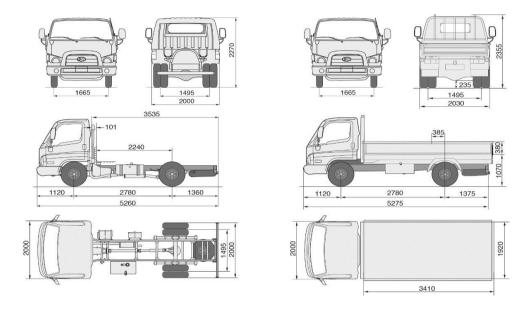
HYUNDAI **HD Series**

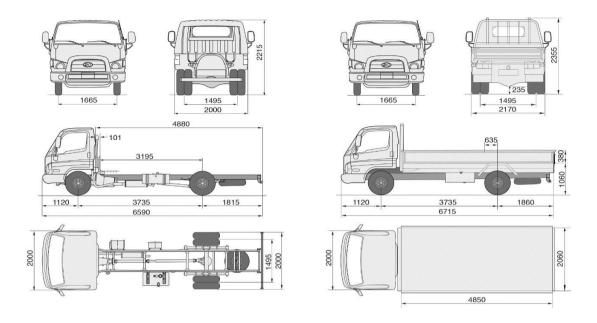


	Width	Wide
Cab	Length	Standard
	Height	High
Wheel Base		Short
Drive System		4 X 2
Application Engines		D4DD
Dimensions (mm)		
Wheel Base		2,780
	Length	5,260 / 5,275
Overall (Chassis Cab / Cargo)	Width	2,000 / 2,030
	Height	2,270 / 2,355
Wheel Tread	Front / Rear	1,665 / 1,495
	Front	1,120 / 1,120
Overhang (Chassis Cab / Cargo)	Rear	1,360 / 1,375
	Length	3,410
D 1.51 (5)	Width	1,920
Deck Size (Cargo)	Height	380
	Floor Height	1,070
C.A (Cab to rear Axle)	-	2,240
C.E (Cab to end of frame)		3,535
Min. Ground Clearance		235
Min. Turning Radius	m	5.2
Weight (kg)		
Chassis Cab Weight	•	2,550 / 3,005
(Chassis Cab / Cargo)	Front	1,605 / 1,685
-	Rear	945 / 1,320
** Max Gross Vehicle Weight		7,800
-	Front / Rear	3,100 / 4,700

 $[\]ensuremath{^{**}}$ Max. GVW includes the front & rear axle loads based on the permissible tire load.

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HYUNDAI HD Series

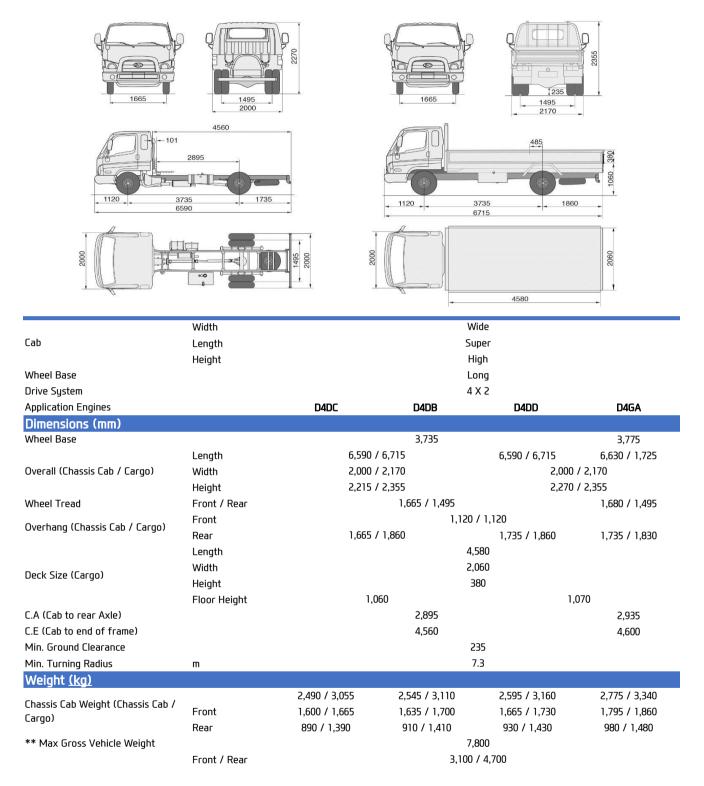


	Width		W	ide			
Cab	Length	Standard					
	Height	High					
Wheel Base			Lo	ong			
Drive System			42	X 2			
Application Engines		D4DC	D4DB	D4DD	D4GA		
Dimensions (mm)							
Wheel Base			3,735		3,775		
	Length		6,590 / 6,715		6,630 / 6,765		
Overall (Chassis Cab / Cargo)	Width	2,000 /	2,170	2,000 /	2,170		
	Height	2,215 /	2,355	2,270 /	2,355		
Wheel Tread	Front / Rear			1,680 / 1,495			
Overhang (Chassis Cab / Cargo)	Front		1,120	/ 1,120			
Overhaing (Chassis Cab / Cargo)	Rear	1,815 /	1,860	1,735 /	1,735 / 1,860		
	Length	4,8	80	4,8	4,850		
Deck Size (Cargo)	Width	2,060					
beek Size (edigo)	Height		3	80			
	Floor Height	1,0	60	1,0	70		
C.A (Cab to rear Axle)			3,195		3,235		
C.E (Cab to end of frame)			4,860		4,900		
Min. Ground Clearance			2	35			
Min. Turning Radius	m		7	.3			
Weight (kg)							
Chassis Cab Weight (Chassis Cab /		2,470 / 3,060	2,565 / 3,155	2,575 / 3,165	2,755 / 3,345		
Cargo)	Front	1,595 / 1,695	1,660 / 1,760	1,660 / 1,760	1,790 / 1,890		
	Rear	875 / 1,365	905 / 1,395	915 / 1,405	965 / 1,455		
** Max Gross Vehicle Weight			•	300			
Than 61033 vehicle weight	Front	3,100 / 4,700					

^{**} Max. GVW includes the front & rear axle loads based on the permissible tire load.

Hyundai Commercial Vehicle SPECIFICATIONS_ 34

HYUNDAI **HD Series**



^{**} Max. GVW includes the front & rear axle loads based on the permissible tire load.

³⁵ _Hyundai Commercial Vehicle SPECIFICATIONS

HYUNDAI HD Series_HD78 Cargo

Chassis Specifications Engine									
Model		D4DC	D4DB	D4DD	D4GA14	D4GA15	D4GA17		
Туре	Natural Turbo Charger Intercooler Aspiration								
. 5F-		4 stroke-cycle, water-cooled, direct-injection diesel engine							
number of Cylinder					-line	arasar arriginia			
Piston Displacement (cc)		3,907	3,907	3,907		3,933			
Bore x Stmke (mm)		104 x 115	104 x 115	104 x 115		103 x 118			
Compression Ratio		18.1 : 1	18.0 : 1	17.5 : 1		17.0 : 1			
•	Eurol	120 / 3,200	130 / 2,900	_	_	_	_		
	Euroll		130 / 2,900	_	_	_	_		
Max. Power** (ps/rpm)	Euro III	_	_	140 / 2,800	_	_	_		
	Euro iV	_	_		140 / 2,700	150 / 2,500			
	Euro V	-	-	-	-	-	170 / 2,500		
	Eurol	30 / 2,000	38 / 1,600	-	-	-	_		
	Euroll	-	38 / 1,600	-	-	-	-		
Max. Torque ** (kg.m/rpm)	Euro III	-	-	38 / 1,600	-	-	_		
	Euro iV	-	-	-	38 / 1,400	59 / 1,400	-		
	Euro V	-	-	-	-	-	62 / 1,400		
	Injection pump	In-line	System		Common F	Common Rail System			
Fuel Metering System	Governor	Mechan	ical Type		Electrical Type by ECU				
	Fuel filter		Spin-on type		Spin-on type, 2 Filter				
	System		Water-Coolir	ng. Forced circula		al water pump			
Cooling System	Cooling Fan				ched Type				
	Radiator	Corrugated fin and tube type with pressure cap and condenser tank							
	System	Forced Lubrication Oil by gear pump							
Lubrication System	Oil Filter	Full flow filter with paper element							
Edbi lediloli əgəlelii	Oil Cooler	Shell & Plate							
	Oil Grade	CF-4 or	above (API Classi		CI-4 or above (API Classification)				
	Battery	24V-90AH MF							
Eletrical System	Alternator	24V	-40A	24V-50A		24V-55A			
	Starter				5.0kW				
Timing System		OverHead Valve, 2 Valves per Cylinder Single OverHead Cam, 4 Valves per			s per Cylinder				

^{**} Max. Power and Torque of engine may vary according to each country.

CIUCCII		
Туре	Hydraulic control, Diaphragm spring	, Single dry plate, Pre-Damper
Facing Material	Non-Asbe	stos
Facing Size (mm) Outside	ø300 x 190	ø362 x 236
dia x Inside dia	\$500 × 150	930E X 230

Hyundai Commercial Vehicle SPECIFICATIONS_ 36

HYUNDAI HD Series_HD78 Cargo

Engine	Transmission									
Type	Engine		D4DC	D4DB	D4DD	D4GA14	D4GA15	D4GA17		
1st	Model									
2nd 3.208 3.281 (3.712)	Туре			5 Speed M	1anual		<- (OPT	: 6 Speed)		
Sard 1,700 1,787 (2,084)	-	lst		5.380)		5.810	(6.701)		
Gear Ratio 4th 1.000 1.000 (1.351) 5th 0.722 0.705 (1.000) 6th - - (0.732) 6ear Oil \$AE75W/85 (GL4, Syntheric) 5.294 (5.983) 6ear Oil \$AE75W/85 (GL4, Syntheric) \$5.294 (5.983) 7.65. (Transmission Gear Shift) Floor shift, Mechanical remote control Rear Axle Type Full floating type Capacity kg 4,700 Front Axle Type Single Reduction, Hypoid gear G/Ratio 6.666 5.428 5.428 / 6.166 5.428 3.727 3.417 / 3.727 Front Axle Type Reverse Elliot type "1" beam 2.500 3.727 3.417 / 3.727 Front Exelorety kg 2.500 2.5		2nd		3.208 3.281 (3						
Sth		3rd		1.700	1.787	1.787 (2.084)				
6th	Gear Ratio	4th		1.000			1.000 (1.351)			
Reverse 5.380 5.294 (5.983)		5th		0.722	0.705 (1.000)					
SAE75W/85 (GL4, Syntheric) T.G.S. (Transmission Gear Shift) Floor shift, Mechanical remote control		6th		-			- (0.732)		
T.G.S. (Transmission Gear Shift) Rear Axle Type Gapacity kg Type Gratio Gratio Gratio Gratio Gratio Gratio Gratio Gratio Gapacity kg Gratio G		Reverse		5.380)		5.294	(5.983)		
Rear Axle Type Full floating type Capacity kg 4,700 Final Reduction Gear Type Single Reduction, Hypoid gear Front Axle Type Reverse Elliot type "1" beam Capacity kg 2,600 Tire & Wheel Type Single Front, Dual Rear Tire Front / Rear 7.50R 16 12PR (OPT:14PR) Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle A"(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Brum diameter x Lining width x Lining thickness: 6320 x 85 x 10	Gear Oil				SAE75W/85 (G	L4, Syntheric)				
Type Full floating type Capacity kg 4,700 Final Reduction Gear Type Single Reduction, Hypoid gear G/Ratio 6.666 5.428 / 6.166 5.428 / 3.727 3.417 / 3.727 Front Axle Type Reverse Elliot type " I " beam Capacity kg 2.600 Tire Wheel Tire Wheel Front / Rear 5.50R 16 12PR (OPT:14PR) New Front / Rear 7.50R 16 12PR (OPT:14PR) Steering Tire Front / Rear 6.00GS 16 SDC-127 Steering Turning Angle 2-Spoke, Ball-nut type, Tilt & Telescopic steering column 55.5° ~ 62.2° Turning Angle Au*(Wide) Outer 44°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Brum diameter x Lining width x Lining thickness : 6,320 x 85 x 10	T.G.S. (Transmission Gear Shift)			Floor	shift, Mechan	ical remote contr	ol			
Capacity kg 4,700 Final Reduction Gear Type Single Reduction, Hypoid gear Final Reduction Gear G/Ratio 6.666 5.428 5.428 / 6.166 5.428 3.727 3.417 / 3.727 Front Axie Type Reverse Elliot type "1" beam Capacity kg 2,600 Tire & Wheel Single Front, Dual Rear Type Single Front, Dual Rear Tire & Front / Rear 7.50R 16 12PR (OPT:14PR) Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Jier Wide Drum diameter x Lining width x Lining thickness : Rear Size (mm) <td>Rear Axle</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Rear Axle									
Final Reduction Gear Type G/Ratio G/R	Туре				Full float	ing type				
Front Axle Type	Capacity	kg			4,7	00				
Front Axie Front Axie Reverse Elliot type "1" beam Capacity kg 2,600 Capacity kg 2,600 Capacity Cap	First Deduction Con-	Туре		Single Reduction, Hypoid gear						
Reverse Elliot type "1" beam Capacity kg 2,600 Tire & Wheel Type Single Front, Dual Rear Tire Front / Rear 7.50R 16 12PR (OPT:14PR) Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Rear Size (mm) ### Agood Ago	Final Reduction Gear	G/Ratio	6.666	5.428	5.428 / 6.166	5.428	3.727	3.417 / 3.727		
Type Single Front, Dual Rear Tire & Wheel Type Front / Rear 7.50R 16 12PR (OPT:14PR) Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Rear Size (mm) ### Agon Actuation Brum diameter x Lining width x Lining thickness: ###################################	Front Axle									
Tire & Wheel Type Single Front, Dual Rear Tire Front / Rear 7.50R 16 12PR (OPT:14PR) Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 44°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### ### ### ### ### ### ### ### ### #	Туре			Reverse Elliot type " I " beam						
Type Single Front, Dual Rear Tire Front / Rear 7.50R 16 12PR (OPT:14PR) Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Rear Size (mm) Single Front, Dual Rear 7.50R 16 12PR (OPT:14PR) 6.00GS 16 SDC-127 2-Spoke, Ball-nut type, Tilt & Telescopic steering column 55.5° ~ 62.2° 44°(Wide) 90ter 34°(Wide) Turning Angle Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Brand Garden Size (mm) Single Front, Dual Rear 9.50R 16 12PR (OPT:14PR) 95.00R 16 12PR (OPT:14PR) 9	Capacity	kg		2,600						
Tire Front / Rear 7.50R 16 12PR (OPT:14PR) Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### ### ### ### ### ### ### ### ### #	Tire & Wheel									
Wheel Front / Rear 6.00GS 16 SDC-127 Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### 8320 x 85 x 10	Туре				Single Front	, Dual Rear				
Steering Type 2-Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### ### ### ### ### ### ### ### ### #	Tire	Front / Rear		7.50R 16 12PR (OPT:14PR)						
Type 2–Spoke, Ball-nut type, Tilt & Telescopic steering column Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### 8750	Wheel	Front / Rear		6.00GS 16 SDC-127						
Tilting Angle 55.5° ~ 62.2° Turning Angle Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### 9320 x 85 x 10	Steering									
Inner 44°(Wide) Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### 8320 x 85 x 10	Туре			2-Spoke, Ball-	nut type, Tilt 8	k Telescopic steer	ring column			
Turning Angle Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: 8320 x 85 x 10	Tilting Angle				55.5° ^	, 62.2°				
Outer 34°(Wide) Service Brake Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness: ### page 1.00 ### page	Turning Angle	Inner	44°(Wide)							
Actuation Hydraulic with vacuum servo assistance, dual circuit Front Size (mm) Drum diameter x Lining width x Lining thickness : ### page	Turning Angle	Outer		34°(Wide)						
Front Size (mm) Drum diameter x Lining width x Lining thickness: ### page 120 x 85 x 10	Service Brake									
Rear Size (mm) ø320 x 85 x 10	Actuation			Hydraulic w	ith vacuum ser	vo assistance, du	al circuit			
·	Front Size (mm)		Drum diameter x Lining width x Lining thickness:							
Adjuster Auto adjuster (OPT) Auto adjuster (STD)	Rear Size (mm)			ø320 x 85 x 10						
	Adjuster			Auto adjuster (OPT) Auto adjuster (STD)						

³⁷ _Hyundai Commercial Vehicle SPECIFICATIONS

Parking Brake								
Engine		D4DC	D4DB	D4DD	D4GA14	D4GA15	D4GA17	
Actuation		Int	ternal expanding t	ype on propellars	shaft at the rear o	f transmission ass	y	
Size (mm)		0180 x 35 x 5	(M*S5 T/M), 0190	x 45 x 4 (M035S	5 T/M), 0230 x 55	x 4 (T60S* T/M)	* cf : Drum	
		diameter x Lining width x Lining thickness						
Auxiliary Brake								
Exhaust Brake			Va	cuum operated, t	outterfly valve typ	e		
Suspension								
Туре	Front / Rear		Semi-ellipti	c, laminated leaf	springs with shoc	k absorber		
Shock absorber	Hydraulic double acting telescopic type on the front & rear axles							
Exhaust system								
General		-	-	DOC	_	GR + DOC + PMC		
Tail pipe			Drop	otail type, blowing	g to chassis rearw	ard		
Fuel tank								
Capacity				100				
Material				Ste	eel			
Frame								
Туре		"H" type fram	e with channel sec			ide rail is reinforce	ed with outer	
Main section side rail dimension (mm)			Dont	stiffe b v Elango v Thic	eners Ekness : 183 x 60 x	, G+		
ויומווו אפכנוטוו אושפ דמוו שווופוואטוו (וווווו)			рерг	ii x riange x mil	FKI1622 + 102 X 00 X	ι οι		

Hyundai Commercial Vehicle SPECIFICATIONS_ 38

HYUNDAI HD Series_HD78 Cargo

Annotations

- 1) Empty vehicle weight and curb weight shown are to 3.5% variation to allow for production tolerance.
- 2) Empty vehicle weight and curb weight include weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but exclude standard tool set
- 3) The vehicle specifications may differ per country.
- 4) Hyundai motor company reserves the right to alter the specifications, equipment or options or discontinue the models at any time without prior not
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